

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1 (Original). A composition for a fire-protection agent for materials,
2 characterized in that its ingredients include ceramic-forming additives and
3 volume-formers.

- 1 2 (Original). The composition of claim 1, characterized in that ceramic-
2 forming additives included are at least two of the compounds disodium
3 tetraborate, ammonium pentaborate, TiO_2 , B_2O_3 and SiO_2 , especially
4 disodium tetraborate and ammonium pentaborate.

- 1 3 (Currently Amended). The composition of claim 1 ~~or claim 2~~,
2 characterized in that volume-formers included are gas-formers alone or in
3 combination with acid-formers.

- 1 4 (Original). The composition of claim 3, wherein the gas-former is
2 selected from the group consisting of NH_4Cl , NaHCO_3 , melamine
3 phosphate and melamine.

- 1 5 (Currently Amended). The composition of claim 3 ~~or 4~~, wherein the
2 acid-former is selected from the group consisting of melamine phosphate,
3 aluminum sulfate, ammonium polyphosphate, ammonium monophosphate,
4 and melamine-coated ammonium polyphosphate.

- 1 6 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims~~ claim 1, comprising as further auxiliaries KAlSO_4 , $\text{Al}(\text{OH})_3$,
3 aluminum sulfate, pentaerythritol, dipentaerythritol or tripentaerythritol.

1 7 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims claim 1~~, which is a paint based on polybutadiene resin, on
3 melamine/formaldehyde and/or on radiation-curable coating material.

1 8 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims claim 1~~, further comprising dispersants, fillers, pigments,
3 defoamers, inorganic salts, flow control additives, crosslinkers and/or
4 silane/siloxane-based silicone microemulsion.

1 9 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims claim 1~~, wherein the composition is added as an addition to carbon
3 foam-formers.

1 10 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims claim 1~~, wherein the composition is in liquid form.

1 11 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims claim 1~~, wherein at least the ceramic-forming additives and the
3 volume-formers are present in nanoparticle-coated form.

1 12 (Currently Amended). The composition of ~~any one of the preceding~~
2 ~~claims claim 1~~, wherein salts of the ceramic-forming additives and of the
3 volume-formers exhibit a particle size of 1 to 50 µm.

1 13 (Currently Amended). A method of treating materials for fire
2 protection, comprising applying a composition for a fire-protection agent
3 for materials, characterized in that its ingredients include ceramic-forming
4 additives and volume-formers of any one of claims 1 to 12.

1 14 (Original). The method of claim 13, wherein the material in question is
2 wood, steel, concrete or plastic.

1 15 (Currently Amended). A method of producing a fire-protection
2 agent, characterized in that ceramic-forming additives are added to a
3 ~~volume-developable~~ volume-forming fire-protection agent.

1 16 (Original). The method of claim 15, characterized in that the ceramic-
2 forming additives are ground with one another before being incorporated
3 by dispersion into the fire-protection agent.

1 17 (Currently Amended). The method of ~~either of claims 15 and 16~~
2 claim 16, characterized in that grinding takes place in a ball mill in the
3 absence of moisture for 0 to 3 days.

1 18 (Currently Amended). The method of ~~any one of claims 15 to 17~~
2 claim 15, characterized in that the ceramic-forming additives and the
3 ~~volume-formers~~ volume-forming fire-protection agent are present as
4 nanoparticle-coated salts.

1 19 (Currently Amended). The use of a composition for a fire-
2 protection agent for materials, characterized in that its ingredients include
3 ceramic-forming additives and volume-formers ~~of any one of claims 1 to~~
4 ~~12~~ as fire protection for wood, steel, concrete, plastic.

1 20 (Currently Amended). The use of ceramic-forming additives and/or
2 volume-formers, as defined in ~~any one of the preceding claims~~ claim 19, as
3 an admixture to polymers, such as cable sheathings.

1 21 (Original). The use of ceramic-forming additives and/or volume-

- 2 formers for producing transparent coatings, these additives and/or volume-
- 3 formers being present with particle sizes of 1 to 150 nm as nanoparticles.